

FIG.1

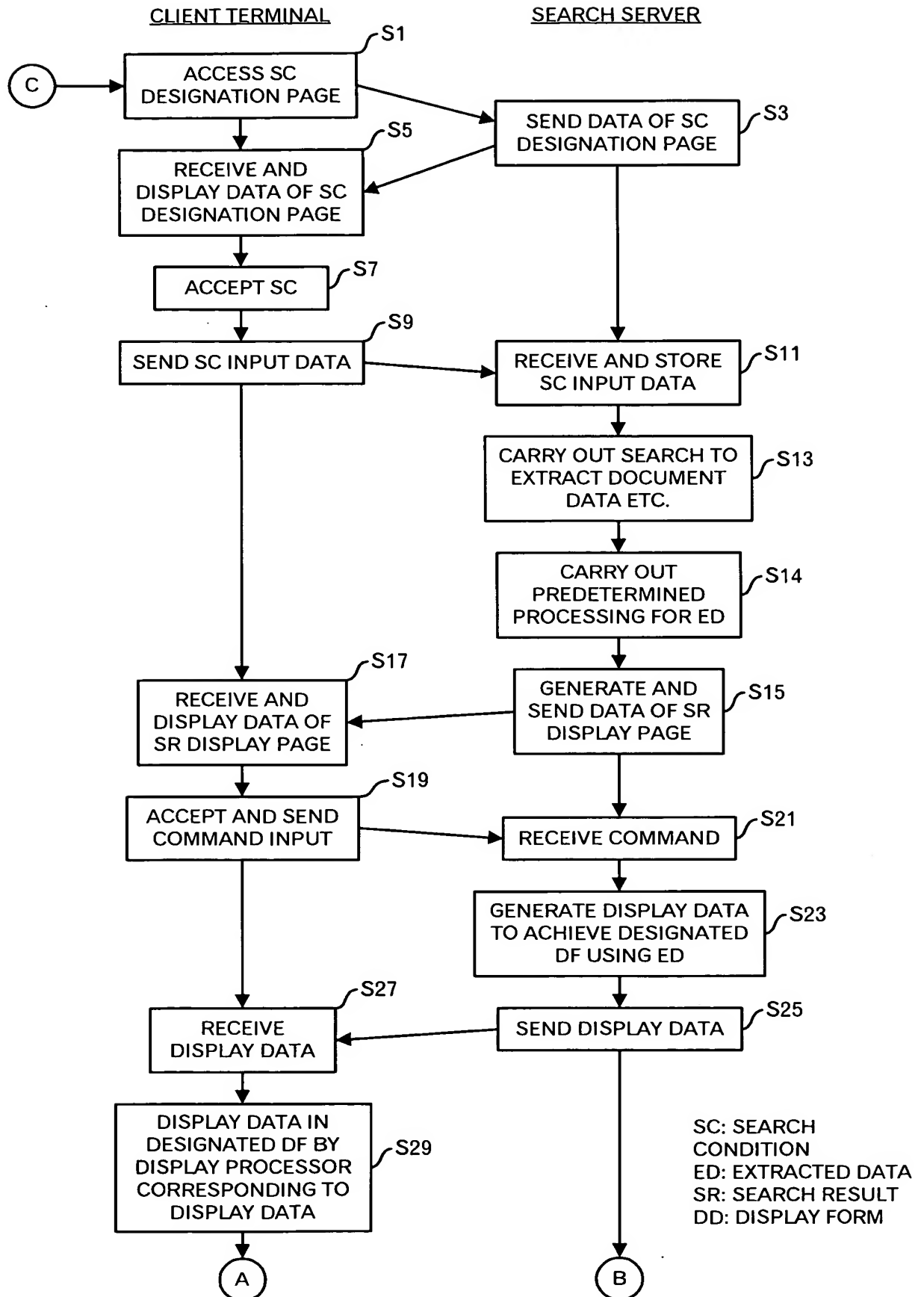


FIG.2

201	202	203	204	205	206	207	208	209
	APPLICATION NO.	FILING DATE	PUBLICATION NO.	PUBLICATION DATE	REGISTRATION NO.	APPLICANT	TITLE	ABSTRACT
	1 PH10-151930	19980518	PH11-327888	19991130	-	COMPANY A	SEMICONDUCTOR...	[PROBLEM]TO EVADE U...
	2 PH10-247855	19980818	P2000-066927	20000303	-	COMPANY B	INFORMATION PR...	[PROBLEM]TO ALLOW A...
	3 PS56-094824	19810619	PS57-209551	19821222	-	COMPANY C	CAREER MANAGIN...	TO AUTOMATICALLY GLA...
	4 P2001-299101	20010928	P2002-202945	20020719	-	COMPANY A	PERIPHERAL LOA...	[PROBLEM]TO PROVIDE...
	5 P2001-089532	20010327	P2002-288416	20021004	-	COMPANY B	ASSETS MANAGE...	[PROBLEM]TO MANAGE...
	6 PH02-285102	19901023	PH04-160448	19920603	-	COMPANY C	ADDRESS CONVE...	TO IMPROVE THE HIT RA...
	7 PH10-248603	19980927	P2000-088927	20000409	-	COMPANY C	ELECTRONIC EQU...	[PURPOSE]TO PROVIDE...
	8 PH09-198283	19970724	PH10-097431	19980414	-	COMPANY C	DEVICE AND MET...	[PROBLEM]TO GREATLY...
	9 PH11-210078	19990726	P2001-034458	20010209	-	COMPANY C	REMOTE LOADIN...	[PROBLEM]TO PROVIDE...
	10 PH11-137098	19990518	P2000-330920	20001130	-	COMPANY A	METHOD AND SY...	[PROBLEM]TO SMOOTH...
	:	:	:	:	:	:	:	:

...

201	202	203	204	205	206	207	208	209
	APPLICATION NO.	FILING DATE	PUBLICATION NO.	PUBLICATION DATE	REGISTRATION NO.	APPLICANT	TITLE	ABSTRACT
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	5 P2001-089532	20010327	P2002-288416	20021004	-	COMPANY B	ASSETS MANAGE...	[PROBLEM]TO MANAGE...
	6 PH02-285102	19901023	PH04-160448	19920603	-	COMPANY C	ADDRESS CONVE...	TO IMPROVE THE HIT RA...
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	8 PH09-198283	19970724	PH10-097431	19980414	-	COMPANY C	DEVICE AND MET...	[PROBLEM]TO GREATLY...
	9 PH11-210078	19990726	P2001-034458	20010209	-	COMPANY C	REMOTE LOADIN...	[PROBLEM]TO PROVIDE...
	10 PH11-137098	19990518	P2000-330920	20001130	-	COMPANY A	METHOD AND SY...	[PROBLEM]TO SMOOTH...
	:	:	:	:	:	:	:	:

FIG.3

PUBLICATION NO.	RELATED WORDS
PH11-327888	EXPOSURE, FUNCTION ADDITION, SEMICONDUCTOR, RESTORATION, FAILURE IN CHANGE, ADDITION, EXTERNAL STORAGE MEDIA, PROGRAM MANAGEMENT, REINSTALLING MISTAKE, CONTENT OF CHANGE, EXTERNAL STORAGE, EVASION, PASSING UNNECESSARY, DELETION, INDIVIDUAL, CHANGE, MEDIA, SOFTWARE, HISTORY, PROGRAM, IMPROVEMENT, EXTERNAL, EFFICIENCY, AUTOMATIC, INSTALLATION, CONTENT, RECORD, NECESSITY, AUTOMATIC OPERATION, FILE, MEMORY, CONTROL
P2000-066927	PERFORMANCE, PERFORMANCE DATA ACQUISITION, HYPERVISOR, PERFORMANCE MEASUREMENT PROGRAM, MAIN STORAGE, EXTERNAL INFORMATION, SYSTEM PROGRAM, INTERVENTION, MAIN, TRACKING, STORAGE, MEMORY, SCHEDULED CONTROL, REAL PERFORMANCE VALUE, PERFORMANCE CHANGE, TARGET PERFORMANCE VALUE, PROGRAM, ADDRESS, MEASUREMENT, EXTERNAL, TABLE, TOLERANCE, SERVICE PROCESSOR, AREA, READ, ALL, DATA AREA, DUPLICATE, SAVE AREA, ALLOWANCE, SCHEDULE, TARGET, STOP, NONE, PROCESSING, RANGE, INTERFACE, CHANGE, SPECIFICATION, PROCESSOR, SERVICE, DISPLAY, CHANGE, CONTROL, SOFTWARE
PS57-209551	A/B, HISTORICAL INFORMATION, HISTORY, COMPARISON, HARDWARE CODE, FINAL HISTORICAL INFORMATION, FIRMWARE, CODE, RESPECTIVELY, OS, FINALITY, HARDWARE, CONTENT, FIRMWARE CODE, EXTRACTED INITIAL SET, UNIQUENESS, CONTENT OS CODE, EACH PRESCRIBED AREA, HISTORY MANAGEMENT SCHEME, OPERATION PREPARATION, ASPECT, AT FIRST, MAINTENANCE, DISPLAY, THIS TIME, PECULIARITY, ACCOMMODATION, ACCOMPANYING, FORWARDING, MAINTENANCE MEANS, CORRECTION INFORMATION, WRITING, RAM, EXTERNAL STORAGE, MANAGEMENT SCHEME, PREPARATION, PROGRAM, RESULT, COMPARISON CIRCUIT, OPERATION, COMPARISON RESULT, INDEPENDENCE, CHANNEL, A, B, MEMORY, MOTOR, SIMULTANEOUS, INTERRUPT, RECOGNITION, LEVEL, SET, EXTRACTION, EXTERNAL, AREA, CORRECTION, CORRESPONDENCE, USE, ADDRESS, ACCESS, EXECUTION, SOFTWARE
P2002-202945	JOB, ACCESS TICKET, JOB MANAGEMENT, TICKET, JOB MANAGEMENT COMMAND, PERIPHERMENT, DECIPHERMENT, ACCESS, COMMAND, CONSOLE, NETWORK, IN NETWORK ENVIRONMENT, NETWORK ENVIRONMENT, DIRECTORY SERVER, ACCESS CONTROL, MANAGEMENT SOFTWARE, INVESTING, UNION, DUPLICATE, DIRECTORY, MANAGEMENT METHOD, ENVIRONMENT, CONTENT, CONTROL, CONNECTION, INPUT, SERVER SOFTWARE
P2002-288416	EQUIPMENT, NETWORK ADDRESS, SPECIFICATION, BUSY, USE REQUEST, STORAGE PART, STATE, ASSET MANAGEMENT, REFERENCE, ASSET, SOFTWARE USE REQUEST, EQUIPMENT INFORMATION STORAGE, ADDRESS, SERVER, ASSET MANAGEMENT METHOD, USE, USER, INFORMATION PROCESSING EQUIPMENT, INFORMATION STORAGE, MEMORY, USE PERMISSION, NETWORK, SOFTWARE INFORMATION, EQUIPMENT INFORMATION, SOFTWARE, REQUEST, USE, ISSUE, EACH OTHER, CHANGE, PERMISSION, TERMINAL, RESPONSE, RELATION, SPECIFIC
PH04-160448	ADDRESS, PAGE SIZE, PAGE, ADDRESS CONVERSION, SIZE, VIRTUAL ADDRESS, CONVERSION, BIT, ADDRESS CONVERSION METHOD, VIRTUAL ADDRESS SPACE, CONVERSION MEMORY, SPACE, REAL ADDRESS, VIRTUAL, ADDRESS PAIR, AT THE ADDRESS TRANSLATION, THE MOST SMALL UNIT, REAL ADDRESS SPACE, REAL PAGE, REAL MEMORY, IN INFORMATION PROCESSOR, DYNAMIC ADDRESS TRANSLATION METHOD, MEMORY, OBJECT OF COMPARISON, BIT NUMBER, CORRESPONDENCE, PAIR, ADJUSTMENT, THE MOST SMALL, EXPAND, CONTROL, PART, USE, DYNAMIC, EFFECTIVE, UNIT, CHANGE, OBJECT, HARDWARE, CORRESPONDENCE, ACCESS, STORAGE, SETTING, COMPARISON, SOFTWARE
P2000-088927	ASYNCHRONOUS PROCESS, ASYNCHRONOUS SYSTEM, INTERRUPT CONTROL, INTERRUPT, ASYNCHRONOUS PROCESS MECHANISM, STANDBY, HOT, CONTROL, START INSTRUCTION, STANDARD SYSTEM, USELESSNESS, FAILURE OCCURRENCE, STANDARD, REPORT, LOAD, END, RECOGNITION, START, TROUBLE, INSTRUCTION, OCCURRENCE, PLURAL, CONNECTION, PROCESSING, SOFTWARE

FIG.4

301

INPUT KEYWORDS

SOFTWARE INFORMATION PROCESSING

302

CLEAR

318

REEXECUTION

RELATED WORDS OF "SOFTWARE & INFORMATION PROCESSING"

1 - SOFTWARE

2 - PERIPHERALS

3 - VERSION

4 - SOFTWARE INFORMATION

5 - METHOD OF SETUP

6 - PERIPHERAL RELATIVES

7 - VERSION UP

8 - SETUP

9 - INSTALL

10 - EXCEPTION

11 - USER

12 - POSSESSION

13 - SETTING

14 - UNDER CONTROL

15 - ADDRESS

303

ASSOCIATION DICTIONARY:

304

PATENT DOCUMENT EXCERPT

TEXT SET:

305

ENTIRE

WORD

316

1353/29220

TEXT

317

60/2752

306

COMMAND

307

TABLE GENERATION

308

VERTICAL AXIS SETTING

309

DEFAULT

310

DEFAULT

HORIZONTAL AXIS SETTING

311

DEFAULT

WORD PATTERN

312

TEXT HOLD:

313

ON

OFF

REVERSE

314

OR

AND

315

RELATED DOCUMENTS OF "SOFTWARE & INFORMATION PROCESSING"

1 - 【P2000-187633】 INFORMATION PROCESSOR, PERIPHERAL EQUIPMENT AND SET...

2 - 【P2001-092642】 INFORMATION ... 《COMPANY B, COMPANY B PERIPHERAL DEVICE》

3 - 【P2002-108479】 STORAGE MEDIUM, AND METHOD AND SYSTEM FOR MANAGING...

4 - 【PH11-327888】 SEMICONDUCTOR EXPOSURE DEVICE 《COMPANY A》

5 - 【P2000-148622】 DEVICE AND METHOD FOR PROCESSING INFORA... 《COMPANY E》

6 - 【P2002-109104】 STORAGE MEDIUM HAVING ELECTRONIC CIRCUIT, INFORMATIO...

7 - 【PH10-097431】 [PRIORITY]DEVICE AND METHOD FOR SIMULATION, AND COMP...

8 - 【PH05-174008】 INFORMATION PROCESSOR 《COMPANY F》

9 - 【P2002-073193】 VERSION-UP METHOD FOR SOFTWARE FOR ELECTRONIC EQUIP...

10 - 【PH11-345183】 INFORMATION PROCESSOR AND SOFTWARE DISTRIBUTION AN...

FIG.5

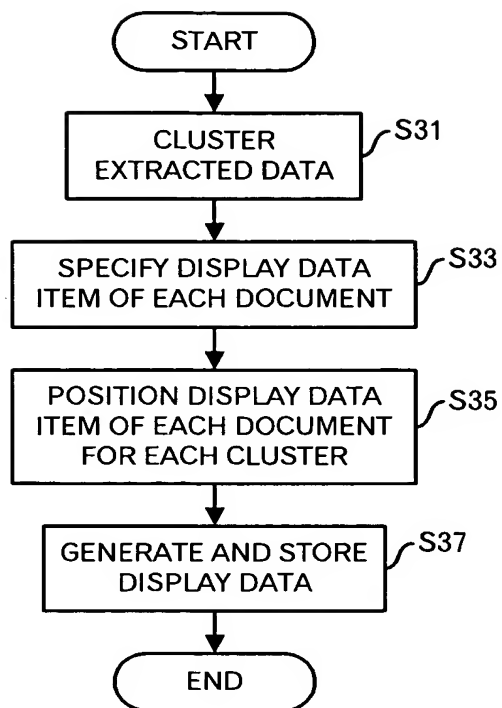


FIG.6

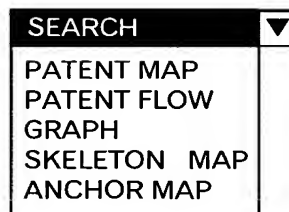


FIG.8

<div>401</div> <div>SEARCH</div> <div>402</div>	<div>403</div> <div>★COMPANY A (10)</div>	<div>404</div> <div>★COMPANY B (8)</div>	<div>405</div> <div>★COMPANY C (6)</div>	<div>406</div> <div>★COMPANY D (5)</div>
<div>407</div> <div>TOTAL 60 DOCUMENTS [CLUSTERING]</div>				
<div>408</div> <div>ID USER SOFTWARE INFORMATION USER ID</div>	<div>[PH11-345183] INFORMATION PROCESSOR AND ... (COMPANY B)</div> <div>[P2001-216166] MAINTENANCE CONTROL METHOD FOR INFORMATION PROCESSOR, ... (COMPANY B)</div> <div>[P2002-304551](PRIORITY)■※ INFORMATION PROCESSOR AND DESIGN ... (COMPANY B)</div>			
<div>(28)</div> <div>COMMAND COMPARISON ADDRESS REGISTER EXECUTION ADDRESS AREA DEBUGGING</div>	<div>[PH11-327888] SEMICONDUCTOR EXPOSURE DEVICE (COMPANY A)</div> <div>[P2000-330920] METHOD AND SYSTEM FOR INFORMATION... (COMPANY A)</div> <div>[P2002-202945](PRIORITY)■ PERIPHERAL EQUIPMENT, INFORMATION PROCESSOR, COPYING ... (COMPANY A)</div>	<div>[P2000-066927] INFORMATION PROCESSING SYSTEM (COMPANY B)</div> <div>[P2002-288416] ASSETS MANAGEMENT METHOD (COMPANY B)</div>	<div>[PS57-209551] CAREER MANAGING SYSTEM FOR INFORMATION PROCESSOR (COMPANY C)</div> <div>[PH04-160448] ADDRESS CONVERSION SYSTEM (COMPANY C)</div> <div>[P2000-088927] ELECTRONIC EQUIPMENT (COMPANY C)</div>	<div>[PH11-203243] METHOD AND DEVICE FOR INFORMATION PROCESSING, INFORMATION... (COMPANY D)</div>
<div>409</div> <div>(5) ELECTRONIC MAIL ELECTRONIC</div>			<div>[PH10-097431](PRIORITY)■ DEVICE AND METHOD FOR SIMULATION, ... (COMPANY C)</div> <div>[P2001-034458] REMOTE LOADING EXECUTING METHOD AND SYSTEM, INFORMATION PROCESSOR, MANAGING DEVICE AND ...</div>	<div>[PH10-334065] INFORMATION PROCESSING METHOD, INFORMATION ...</div>

FIG.7

PATENT FLOW ▼		401		403		404		405	
TOTAL 60 DOCUMENTS [CLUSTERING]		★ COMPANY A (10)		★ COMPANY B (8)		★ COMPANY C (6)		★ COMPANY D	
ID	USER SOFTWARE INFORMATION USER ID		[PH11-345183] INFORMATION PROCESSOR AND ... {COMPANY B}						
			[P2001-216166] MAINTENANCE CONTROL METHOD FOR INFORMATION PROCESSOR, ... {COMPANY B}						
			[P2002-304551]{PRIORITY}■※ INFORMATION PROCESSOR AND DESIGN ... {COMPANY B}						
(28)	COMMAND COMPARISON ADDRESS REGISTER EXECUTION ADDRESS AREA DEBUGGING	[PH11-327888] SEMICONDUCTOR EXPOSURE DEVICE {COMPANY A}	[P2000-056927] INFORMATION PROCESSING SYSTEM {COMPANY B}	[PS57-209551] CAREER MANAGING SYSTEM FOR INFORMATION PROCESSOR{COMPANY C}	[PH11-203243] METHOD AND DEVICE FOR INFORMATION PROCESSING, INFORMATION... {COMPANY D}				
		[P2000-330920] METHOD AND SYSTEM FOR INFORMATION...{COMPANY A}	[P2002-288416] ASSETS MANAGEMENT METHOD {COMPANY B}	[PH04-160448] ADDRESS CONVERSION SYSTEM {COMPANY C}					
		[P2002-202945]{PRIORITY}■ PERIPHERAL EQUIPMENT INFORMATION PROCESSOR COPYING ... {COMPANY A}		[P2000-088927] ELECTRONIC EQUIPMENT {COMPANY C}		415			
				[PH10-097431]{PRIORITY}■ DEVICE AND METHOD FOR SIMULATION ... {COMPANY C}					
				[P2001-034458] REMOTE LOADING EXECUTING METHOD AND SYSTEM, INFORMATION PROCESSOR, MANAGING DEVICE AND					
(5)	ELECTRONIC MAIL ELECTRONIC				[PH10-334065] INFORMATION PROCESSING METHOD, INFORMATION ...				

FIG.9

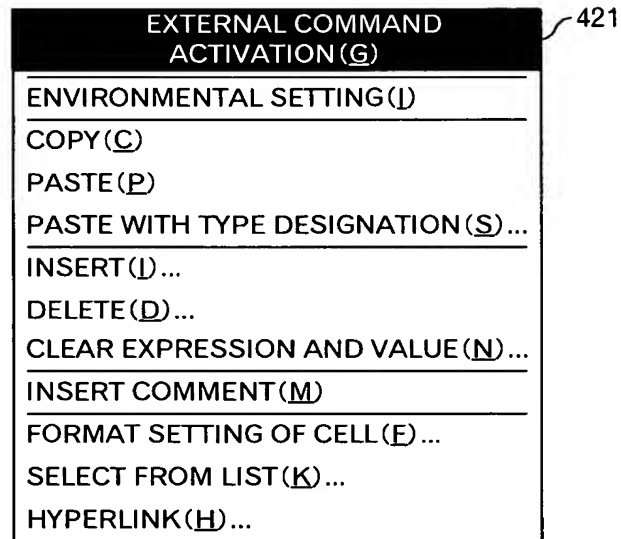


FIG.10

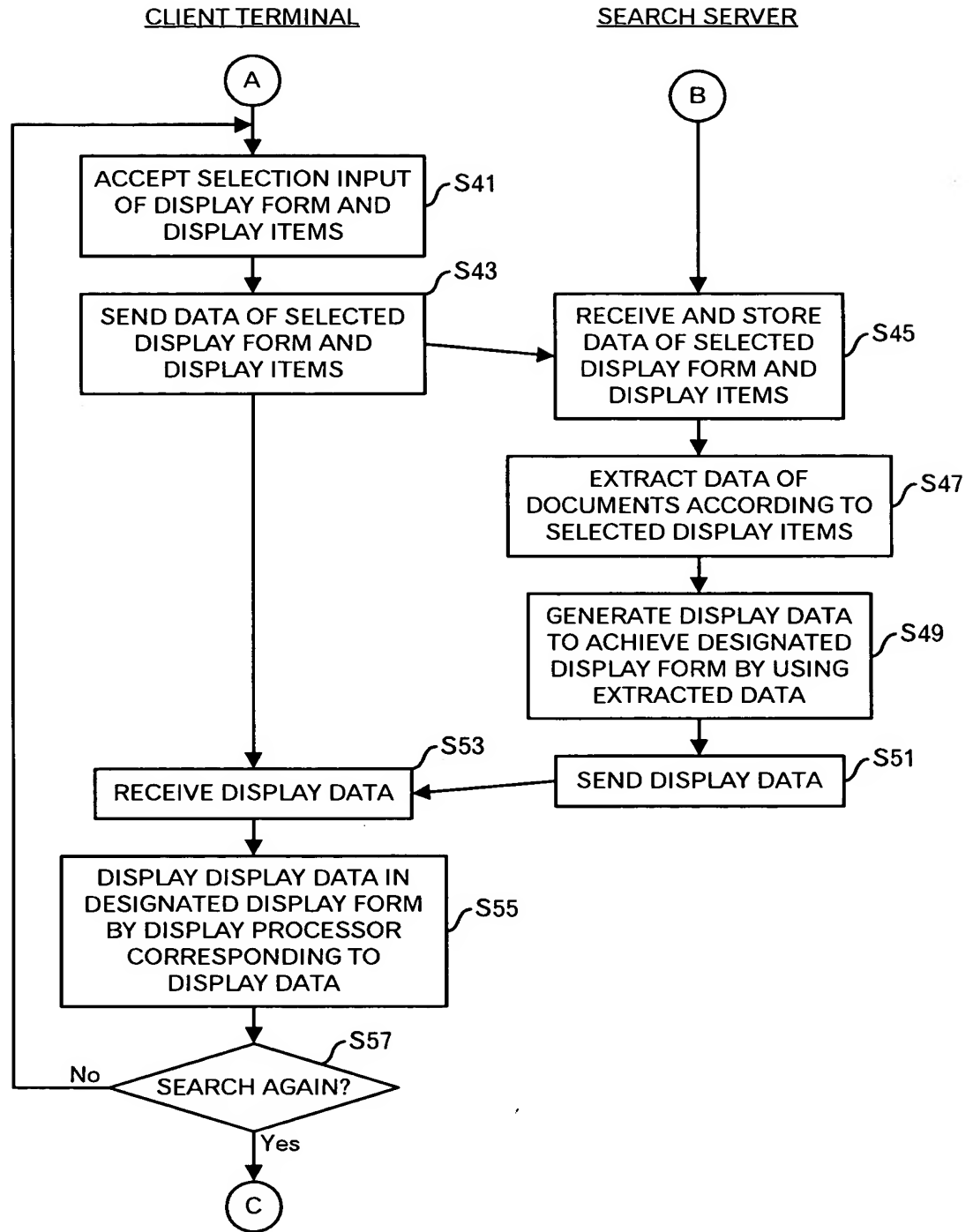


FIG.11

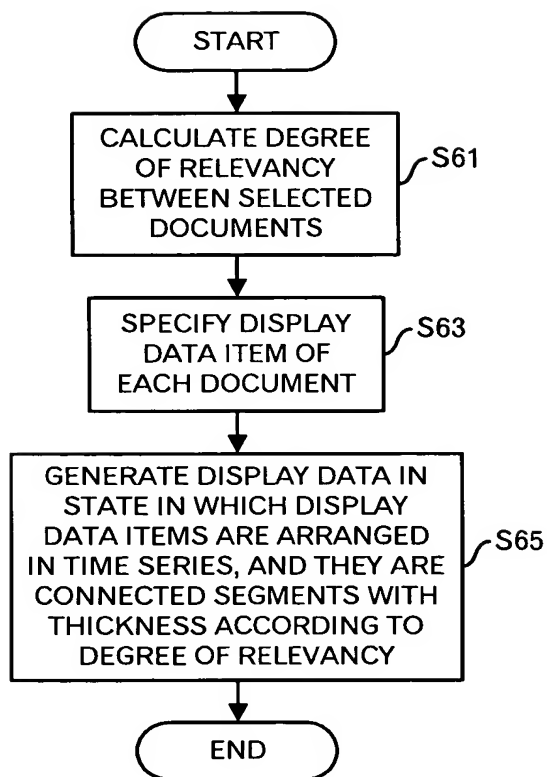


FIG.12

PUBLICATION NO.	1	2	3	4	5	6	7	8	9	10
	PH11- 327888	P2000- 66927	PS57- 209551	P2002- 202945	P2002- 288416	PH04- 160448	P2000- 88927	PH10- 97431	P2001- 34458	P2000- 330920
1		—	0.026659	—	—	—	—	0.01437	0.027356	0.014073
2	—		—	—	0.022195	0.030203	—	0.017884	—	—
3	0.026659	—	—	—	—	—	0.010747	0.029673	—	—
4	—	—	—	—	—	—	—	—	—	0.069333
5	—	0.022195	—	—	—	0.057715	—	0.016643	0.02922	—
6	—	0.030203	—	—	0.057715	—	—	0.146054	—	—
7	—	—	0.010747	—	—	—	—	—	—	—
8	0.01437	0.017884	0.029673	—	0.016643	0.146054	—	—	—	—
9	0.027356	—	—	—	0.02922	—	—	—	—	0.066951
10	0.014073	—	—	0.069333	—	—	—	—	0.066951	—

FIG.13

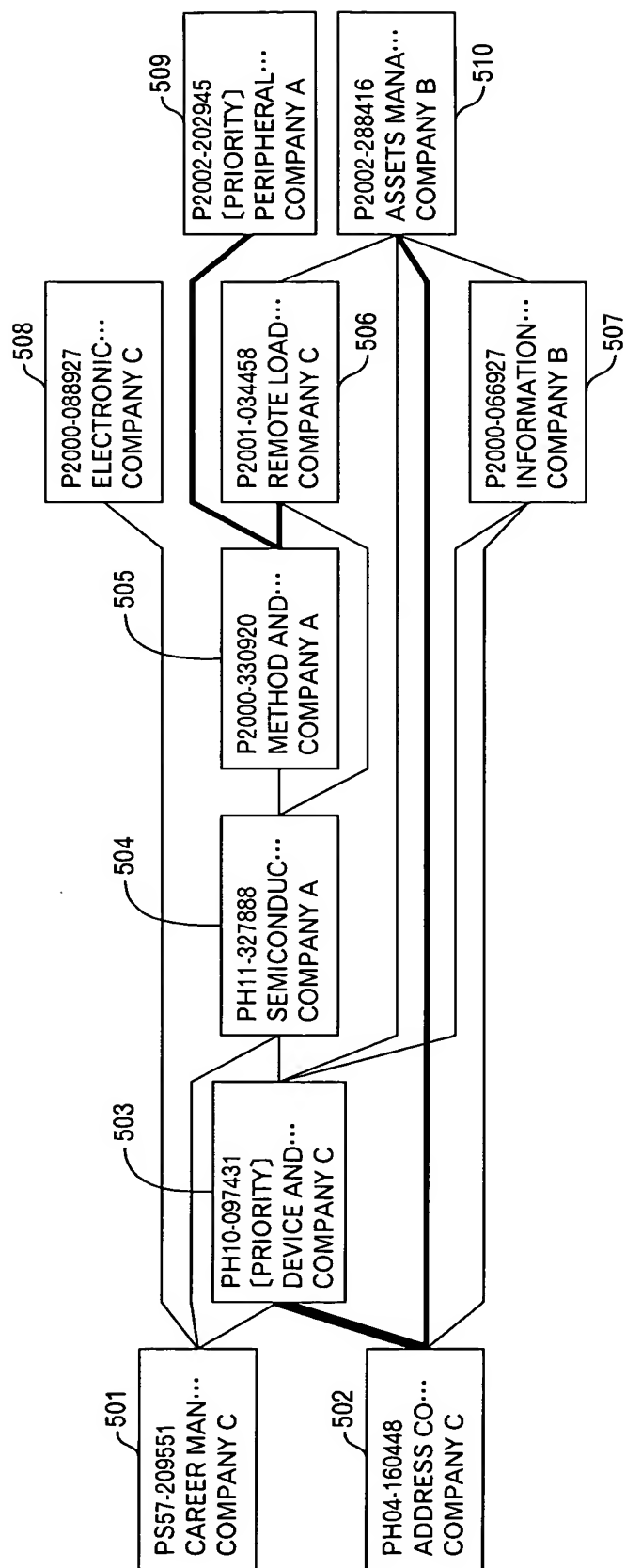


FIG.14

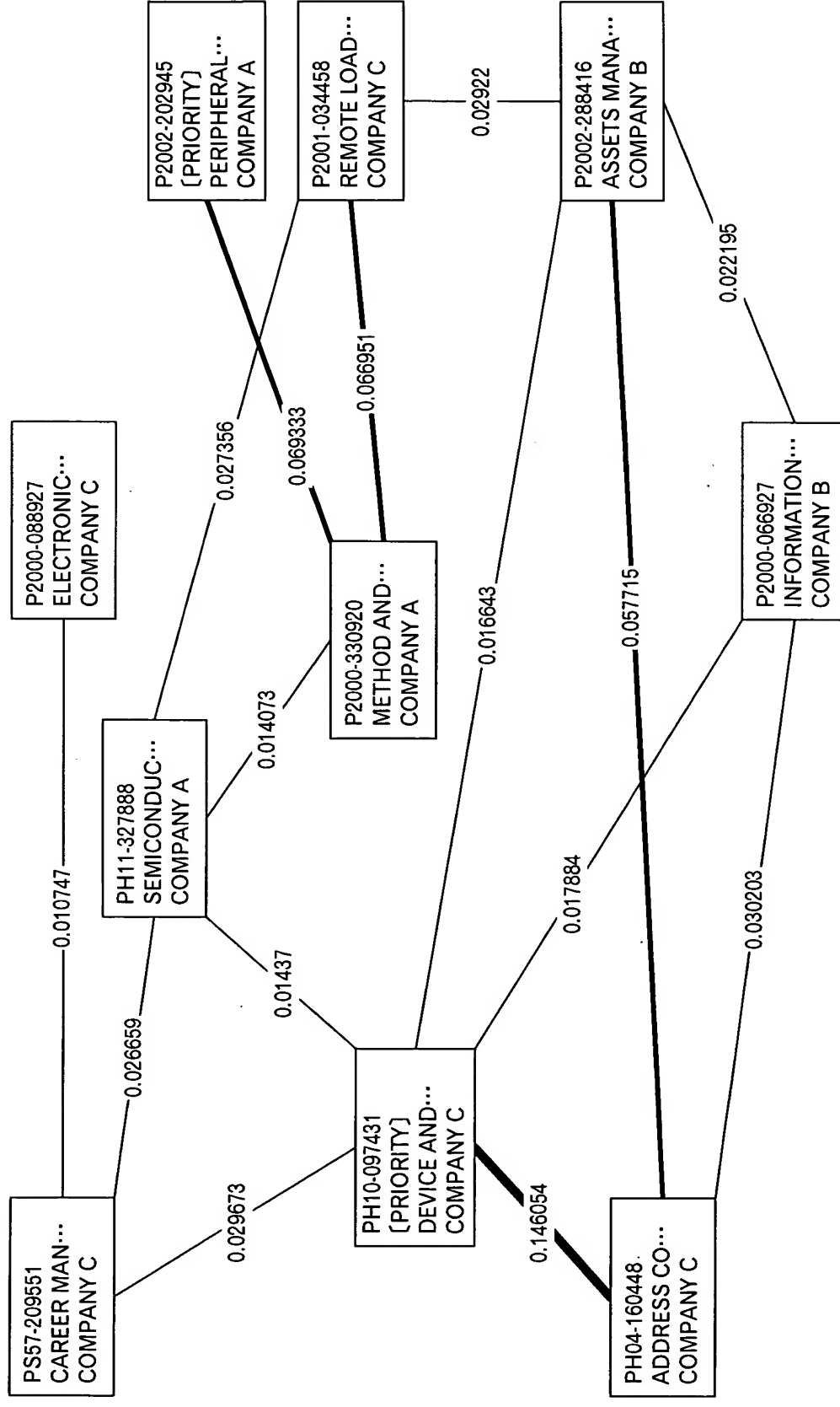


FIG.15

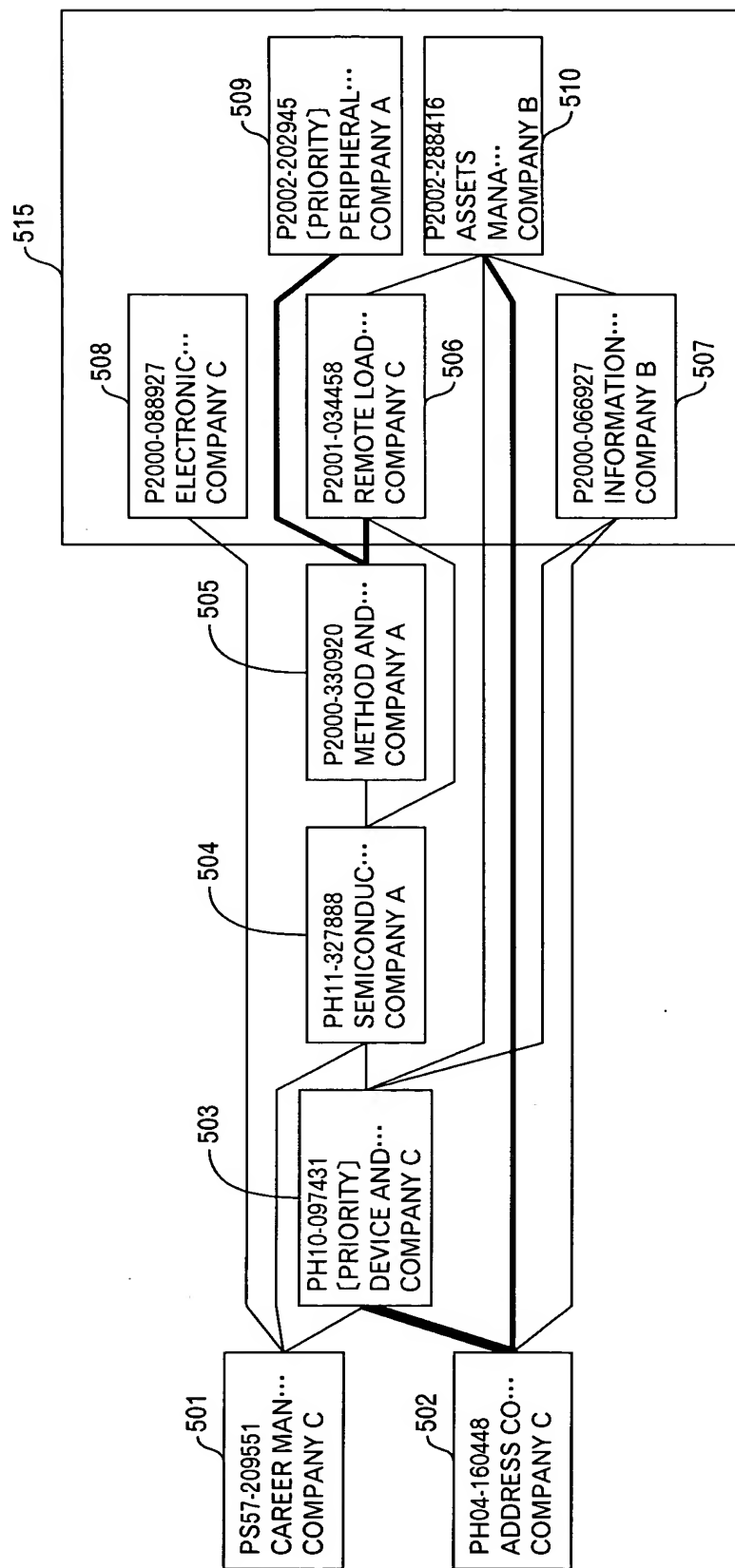


FIG.16

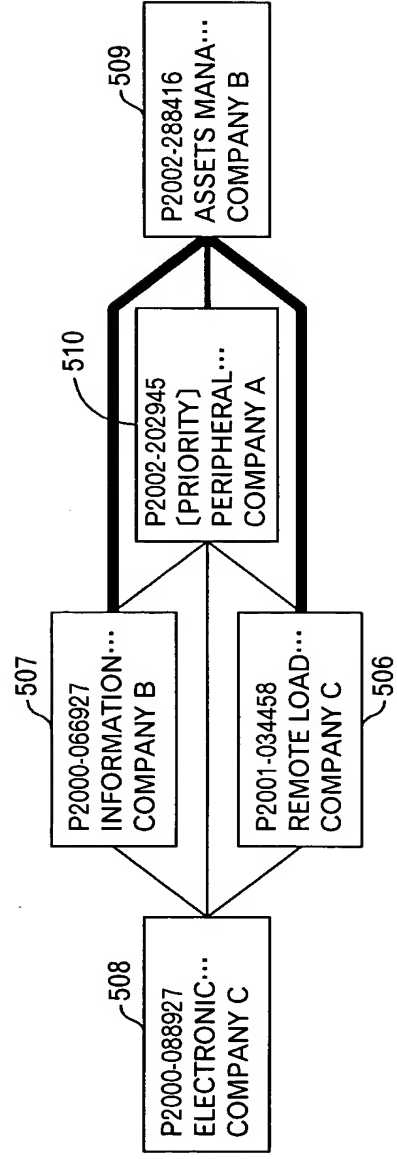


FIG.17

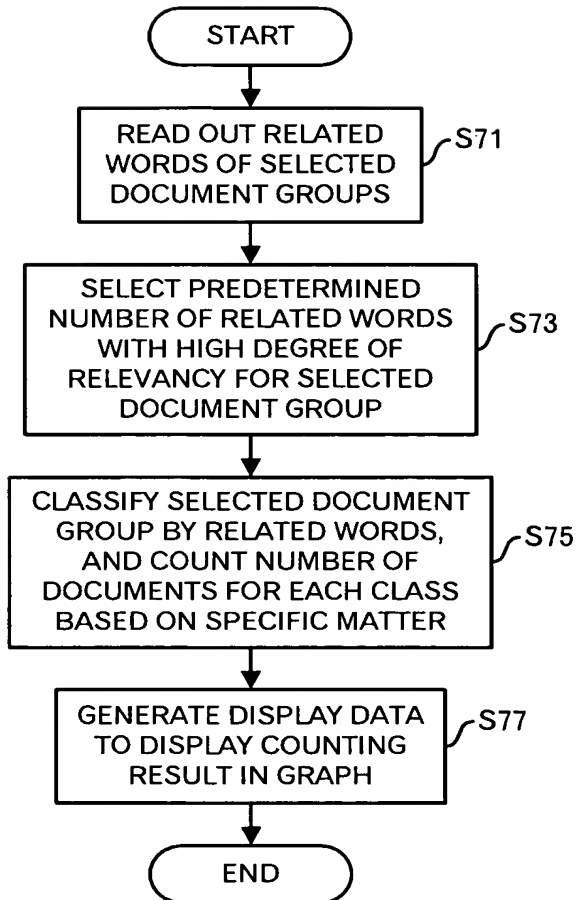


FIG.18

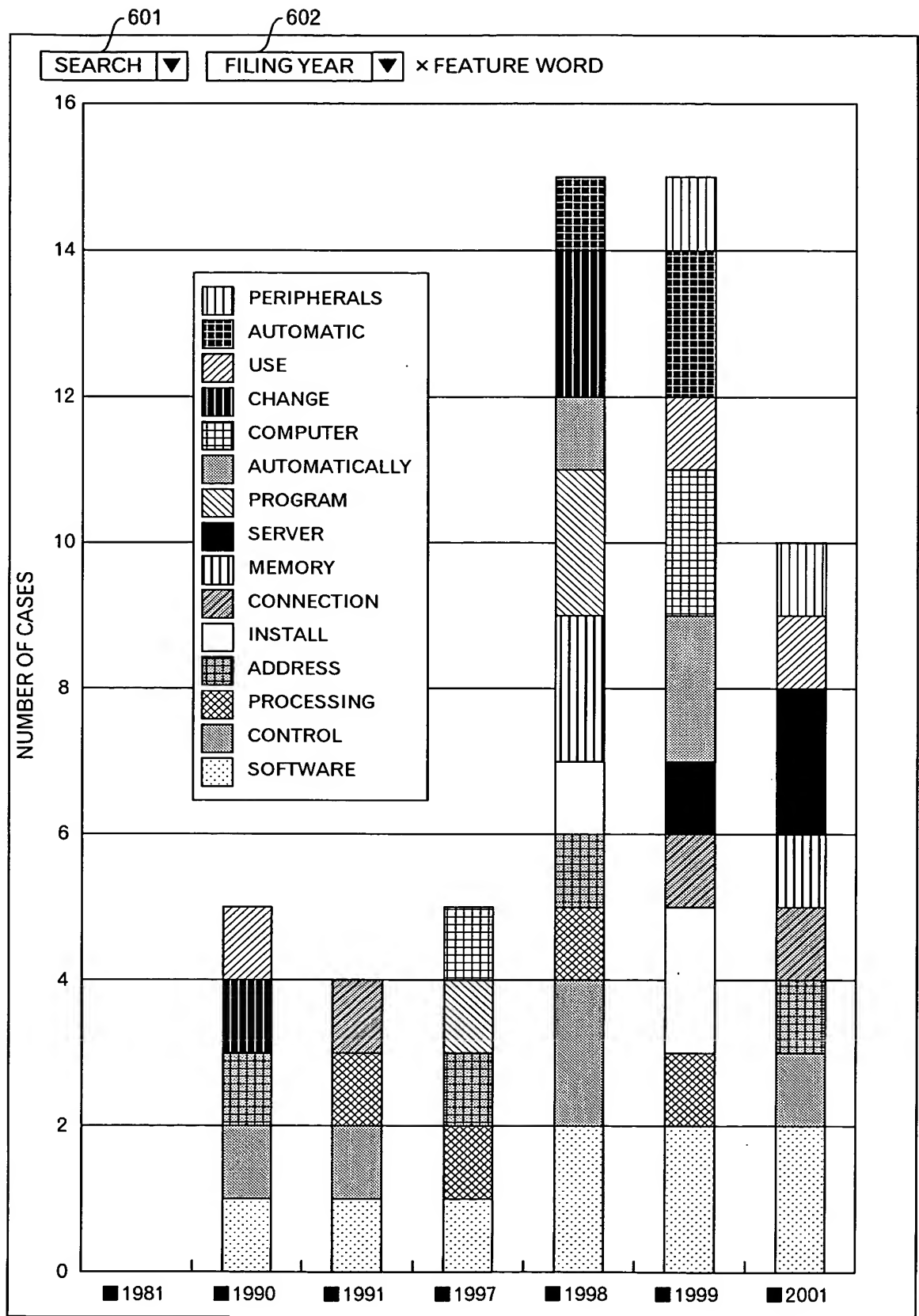


FIG.19

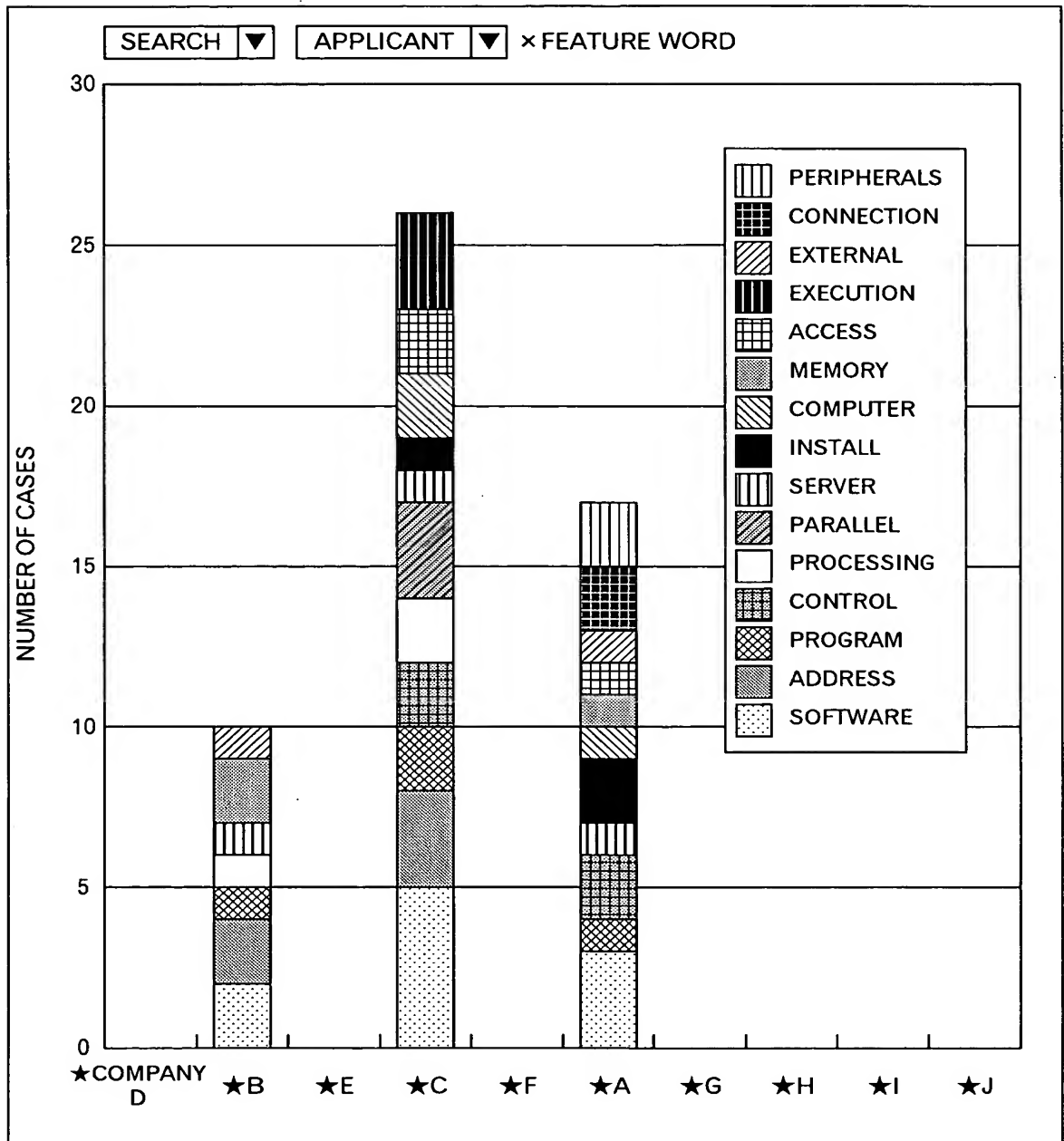


FIG.20

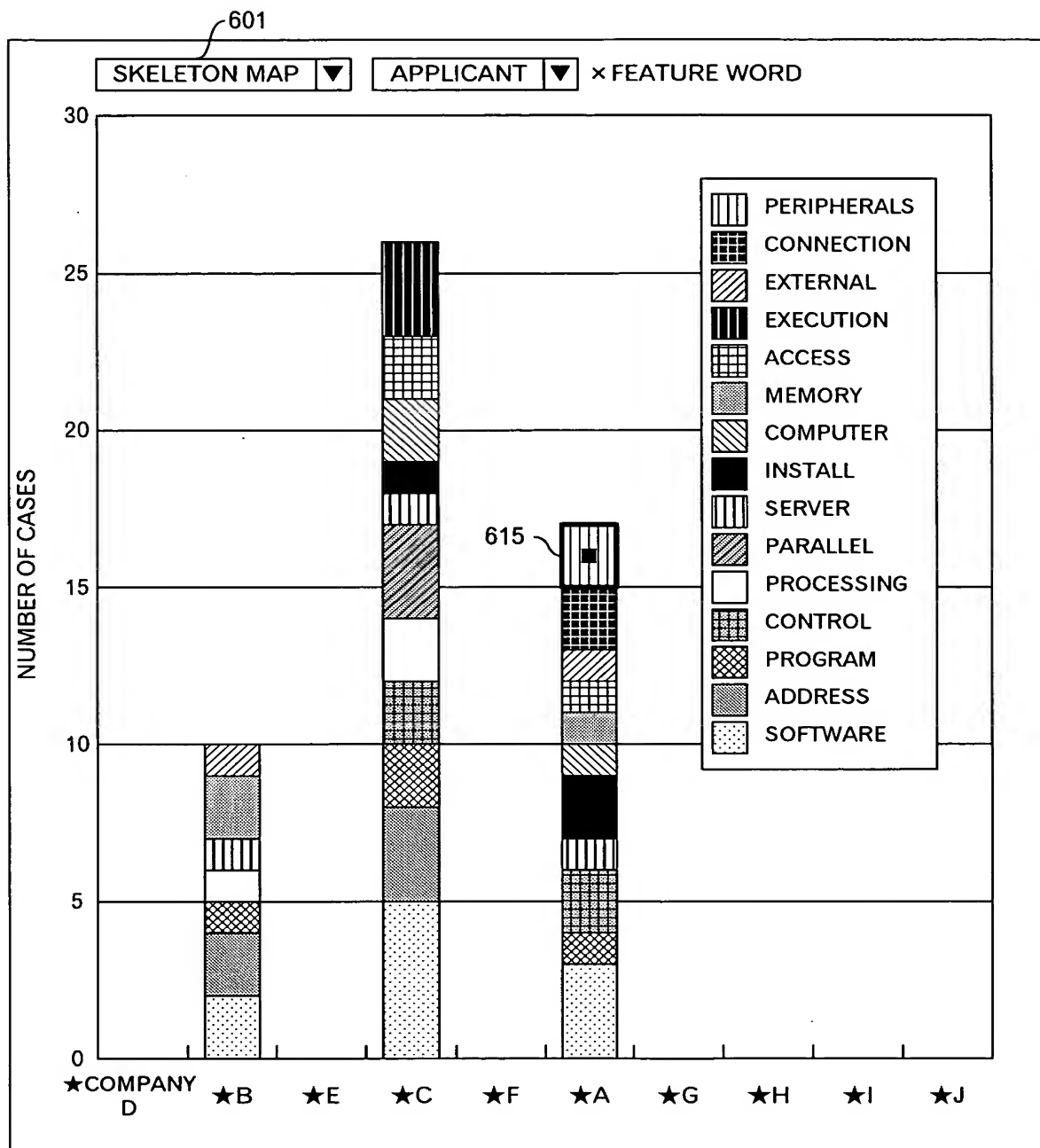


FIG.21

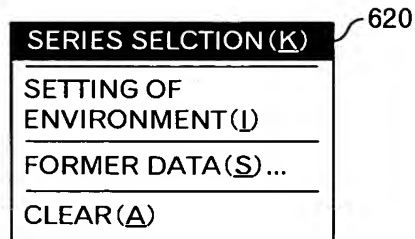


FIG.22

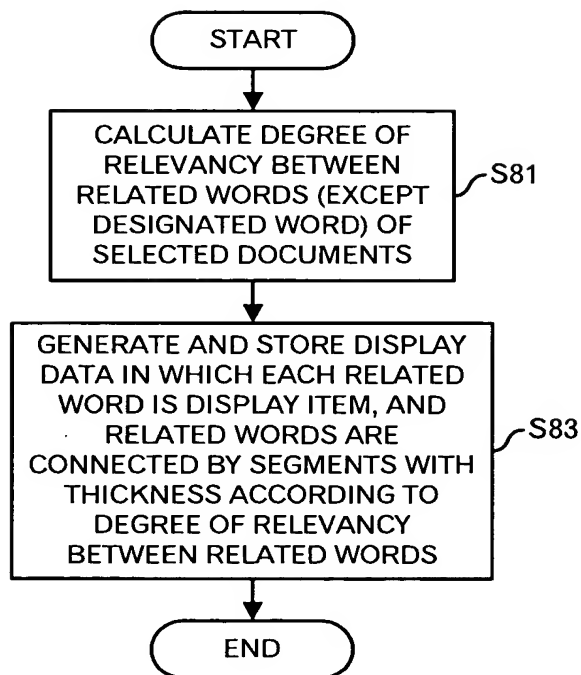


FIG.23

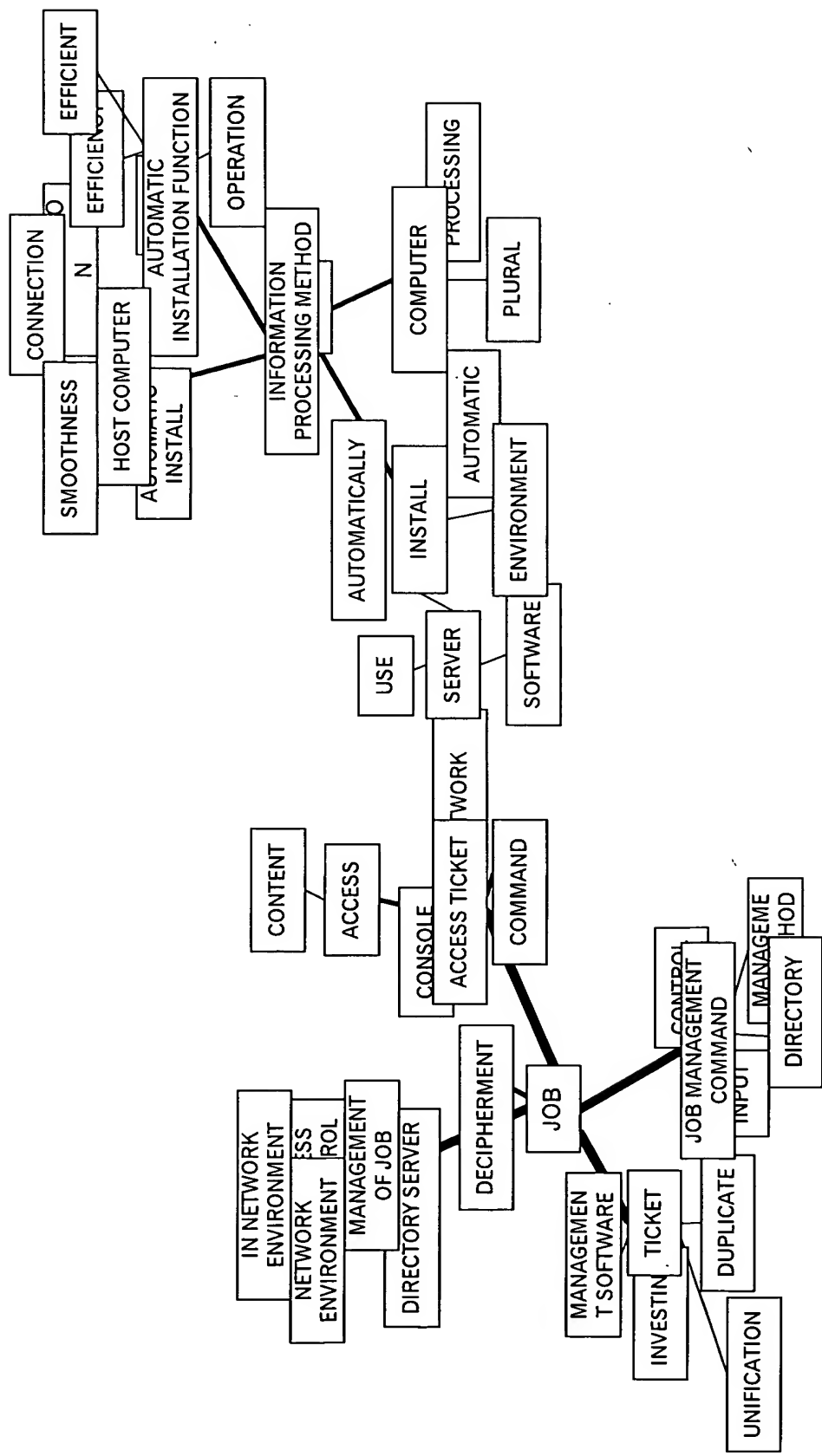


FIG.24

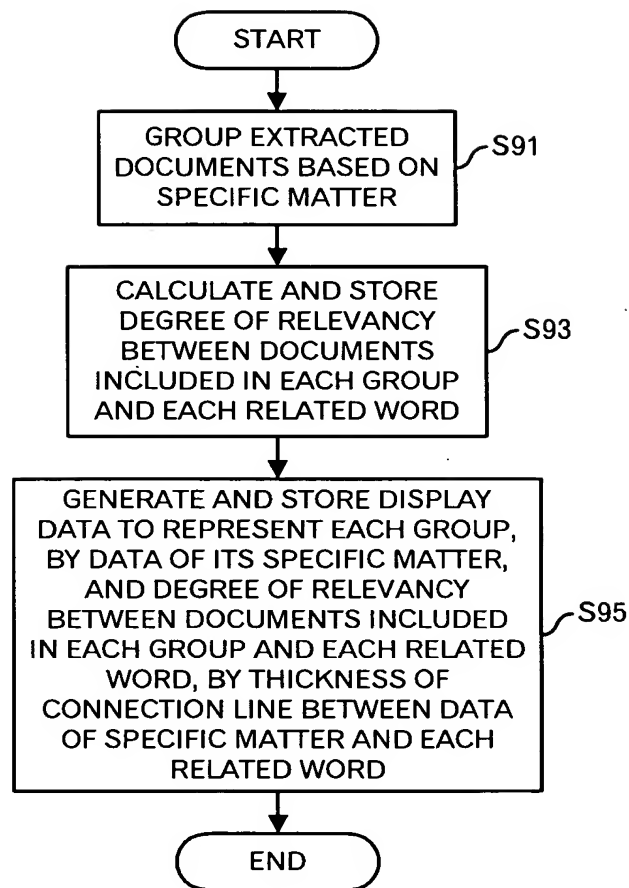


FIG.25



FIG.26